

APPENDIX SHOWING MARK-UPS

Fig. 1. Alignment of the *Arabidopsis thaliana* and human PMS2 cDNAs (SEQ ID NO: 4 and 3, respectively).

Fig. 2. Alignment of the *Arabidopsis thaliana* and human PMS2 proteins (SEQ ID NO: 12 and 11, respectively).

Fig. 3. Alignment of the *Arabidopsis thaliana* MLH1 homolog and the human PMS2 proteins (SEQ ID NO: 9 and 11, respectively).

Fig. 4. Alignment of the *Arabidopsis thaliana* PMS1 homolog and the human PMS2 proteins (SEQ ID NO: 10 and 11, respectively).

Fig. 6. Alignment of the *Arabidopsis thaliana* PMS134 and the human PMS134 Cdna (SEQ ID NO: 6 and 5, respectively).

Fig. 7. Alignment of the *Arabidopsis thaliana* PMS134 and the human PMS134 polypeptides (SEQ ID NO: 14 and 13, respectively).

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